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**PATENT**  
Atty. Docket No. MIT-103  
(5473/111)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANTS:** Kawasaki, et al.

**USSN:** 09/422,999

**GROUP NUMBER:** 1644

**FILING DATE:** October 22, 1999

**EXAMINER:** Murphy, J.

**TITLE:** *Genes Integrating Signal Transduction Pathways*

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**RESPONSE TO RESTRICTION REQUIREMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This Response is responsive to the Office Action mailed on May 10, 2000, in the above-identified patent application.

**Remarks**

Claims 1-130 are pending in the application. The Examiner has required restriction of the application to claims in one of fifty-six (56) groups as set forth in the Office Action. In response to the restriction requirement, Applicants elect Group II, corresponding to claims 1-11, 38-54, 62 and 118-120, drawn to an isolated nucleic acid encoding hCalDAG-GEFII (Seq. ID NO. 7), a vector, host cell, and a method of producing a protein, and an expression vector, for prosecution on the merits. A petition and fee for a five-month extension of time to file a response are enclosed herewith.